

Amrutvahini College of Engineering, Sangamner
Department of Mechanical Engineering

List of Check points of total Documents for Industrial Visit

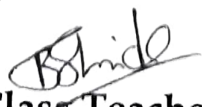
Sr. No.	Particulars	✓
1.	Invitation Letter/e-mail sent to company	✓
2.	IV Confirmation letter/e-mail from Company	✓
3.	Permission Letter of Principal through HOD	✓
4.	Students Undertaking with mobile number & Signature(<i>Mark College Stamp on each page</i>)	✓
5.	List of students enrolled for Industrial Visit with details of visit(<i>Mark College Stamp on each page</i>)	✓
6.	Girls Hostel Permission (<i>Mark College Stamp on each page</i>)	-
7.	Rules for Industrial Visit (<i>Mark College Seal on each page up to Sr. No. 6 only</i>)	✓
8.	RTO permission (<i>For College Bus Only</i>)	-
9.	Industrial Visit Completion letter	✓
10.	02 Industrial Visit Report by students per company	✓
11.	01 Industrial Visit Report by staff per company	✓
12.	04 to 05 Industry visit photo mail to HOD & TPO	✓
13.	Thanks mail/letter send to company	✓

- Take out the two Xerox copies of all Sign pages.
- One Xerox copy must be submitted to Head of the Department & another Xerox copy at the Security Office before leaving the campus.

1) Prof. K.P. Morankar 

2) Prof. S.K. Amrutkar 

Faculty In charge
Subject Teacher


Class Teacher
Class BE Div A/B


IV Coordinator
TPC


HOD
MED

Date: 28.02.2023

To
The Principal
AVCOE Sangamner

Through : Dr.V.D.Wackchaure
Head of Mechanical Engineering Department.

Subject:-Industrial visit at **Sahakar Maharshi Bhausaheb Thorat Sakhar Karkhana** for Davison (A,B) B.E.
Mechanical Engineering Students.

Respected Sir,

With Reference to above mentioned subject, under SPPU syllabus of B.E. Mechanical, ENERGY ENGINEERING subject Industrial Visit is mandatory to Cogeneration plant. Therefore Division (A,B) B.E. of Mechanical Engineering Department is Planning to visit at **Cogeneration plant and Sugar Mill of Sahakar Maharshi Bhausaheb Thorat Sakhar Karkhana**. The department of Mechanical Engineering always looking positively to develop the such Industry-Institute-Interaction for the student holistic development with Theoretical and Industrial perspective.

Following is the schedule for visits.

1. Tentative dates – 13 & 14 March 2023.
2. Number of Students- 163
3. Number of Faculty- 04

We kindly request to consider and give permission for above mentioned Industrial visit.

Thanking You.

Yours Faithfully

Pls Sir,
B.E (A&B)
sub: Energy Engrg.

Kindly permit to visit.

Tgumy
VDW 28/2/23

Prof.K.P.Morankar - Al
Er.S.K.Amrutkar sm
(E.E.Subject Teacher)
Mechanical Engineering Dept.

allent
28/2/23

Amrutvahini College of Engineering, Sangamner - 422608

AVCOE/Mech/22-23/

To

Date: 01/03/2023

The Managing Director

Sahakar Maharshi Bhausaheb Thorat Sakhar Karkhana
Sangamner.

Subject:- Industrial visit at Sahakar Maharshi Bhausaheb Thorat Sakhar Karkhana for Division
(A,B) B.E. Mechanical Engineering Students.

Respected Sir,

With Reference to above mentioned subject, under SPPU syllabus of B.E. Mechanical, Energy
Engineering subject Industrial Visit is mandatory to Cogeneration plant. Therefore Division
(A,B) B.E. of Mechanical Engineering Department is Planning to visit at following locations as

- Cogeneration plant
- Sugar Mill
- Bio-Gas Plant
- Ethanol Production Plant

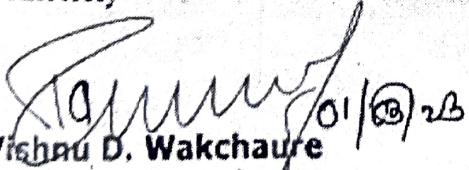
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Thanking You.

Yours Sincerely


Dr. Vishnu D. Wakchaure
Prof. and Head
Department of Mechanical Engineering
Amrutvahini College of Engineering
Sangamner-422 608

90/50
Allowed
OT

Industrial Visit Completion Certificate

To
The Principal,
Amrutvahini College of Engg.
Sangamner, Ahmednagar.

13/03/2023

Sub: SMBTSSK Sugar Factory Industrial Visit, Sangamner.

Sir,

We wish to inform you that total number of students of BE class of Mechanical Engineering from your college have visited our plant on 13/03/2023 at 9.30 am on account of industrial visit.
(13/03/2023)

The students were led by Prof.K.P. Morankar /Prof.S.K.Amrutkar

We have shared all the required information to the students and they had a plant round after a brief interaction.

During the visit, all the students have shown great discipline and decency in their approach.

Thanking You.



Yours faithfully



Amrutvahini College of Engineering, Sangamner
Department of Mechanical Engineering (Energy Club)
Undertaking and List of Students Enrolled for Industrial Visit

We the undersigned students of Class BEADiv of Mechanical Engineering are here by giving the undertaking that we are going for one day industrial visit to SMTSSK Sugar Factory/ Cogen Plant/Ethanol Plant/Biogas Plant on 03.2023 date. In case of any accident or any miss happing takes place during visit then we solely will be responsible for the same. We all will take care of ourselves & our friends/classmates. Staff member, faculty & college authorities will not be responsible for the same.

Sr. No.	Roll No.	Name of Student Batch	Personal Contact Number	Parents Contact Number	Sign
1.	4101	Adhav Prithviraj Arhok	9529318174		
2.	4102	Agale Sudarshan Suryabhan	7620760753		
3.	4103	Nikhi Aher	9156184998		
4.	4104	Akolkar Rushikesh	9146681597		
5.	4105	Sanket Arote	9011223860		
6.	4106	Akash Asore	9075498492		
7.	4107	Balkrishna Arhok	9570257771		
8.	4108	Arhok Prashant. S	8379827250		
9.	4109	Arhok Prasad Ramda	7887061911		
10.	4110	Arhok Pravin Laxman	9767080157		
11.	4111	Arhok Satish Vilas	7558465811		
12.	4112	Arhok Siddhesh	8530387722		
13.					
14.	4114	Bayas Aditya .N.	8956124061		
15.	4115	Bhavad Pratik P	9850990268		
16.	4116	Bhadanze Saurabh	9588656795		
17.	4117	Bhise Radhesham	9881452579		
18.	4118	Bhosale Amar Kalyan	8975353820		
19.	4119	Bodhake Gaurav Arhok	9403884473	9822287871	
20.	420	Chalipat Yashraj	9890800053		

20.				
21.	Chaudhari Akash N	9307883690		Chaudhari
22.	Chaudhari Chetan S	9175589577		Chaudhari
23.	Chavan Shubham Anil	8379082307		Chavan
24.				
25.	Deshmukh Aditi Bhagwat	9420341060		Deshmukh
26.	Deshmukh Ashwini Sujib	8625085936		Deshmukh
27.	Deshmukh Saurabh N.	8975669465		Deshmukh
28.	Deshmukh Saylee D	8830100506		Saylee
29.	Dhoka Vrushabh Pradip	9623249170	9960481991	Dhoka
30.	Dhole Aman Manoj	9011736629		Dhole
31.	Dhone Parshuram	9921374203		Dhone
32.				
33.	Dongare Sachin	9080122629		Dongare
34.				
35.	Dukre Sakshi Vijay	7498953217		Dukre
36.	Errande Garenh B.	7756084449		Errande
37.	Gadge Adarsh B.	8080122629		Gadge
38.	Gadakh Yash N.	9623508295		Gadakh
39.	Gawali Pushkraj T.	7768063463		Gawali
40.				
41.	Gholap Protiksha S.	7030091904		Gholap
42.	Ghuge Saurabh B	7218359293		Ghuge
43.	Gornase Varbhav B	9373894090		Gornase
44.	Gore Shriprasad	7558575161		Gore
45.	Gujar Shubham Gangaram	7420953323		Gujar

46.	Gurjal Omkar Annasaheb	9367690670	-	<u>Gurjal</u>
47.	Gurjal Pooja R.	8080817855		<u>Gurjal</u>
48.	Hase Punam G.	9307102040		<u>Hase</u>
49.	Jadhav Dandan R.	9763069004		<u>Jadh</u>
50.	Jadhav Santosh D	7887403043	-	<u>Santosh</u>
51.	Jadhav Siddhesh Karlay	8805242784	9552256422	<u>Jadh</u>
52.	Jadhav Snehal Bhousaheb.	7498990724	-	<u>Snehal</u>
53.	Jadhav Swapnil Sanjay	7083841263	9240928440	<u>Swapnil</u>
54.	Jagtap Shubham B	9325301472	-	<u>Shubham</u>
55.	Jedgule Vidya Someshwar	8915698470	-	<u>Jedgule</u>
56.	Jejurkar Abhishek R	965788409	-	<u>Abhishek</u>
57.				
58.	Joshi Amit Sanjay	7020081914		<u>Joshi</u>
59.	Kadlag Akash .M	7972559289		<u>Akash</u>
60.	Kahane Daashan D.	9623538247		<u>Kahane</u>
61.				
62.	Kalan Parimal A.	9373362979		<u>Kalan</u>
63.	Kale Prathamesh .S	9146912124		<u>Kale</u>
64.	Kanawade Abhishek	9511925616		<u>Kanawade</u>
65.				
66.	Kase Dnyaneshwar R.	9021835856		<u>Kase</u>
67.	Katore Sanika Rohidas	8766909166	-	<u>Katore</u>
68.				
69.	Kekan sanket	7796401766		<u>Kekan</u>
70.	Khadale Aishwarya S.	8080290005		<u>Khadale</u>
71.				

72.					
73.		Khond Tejas Balu	9881187530	<i>Khond</i>	
74.		Kolhal Shwetambari	9529482983	<i>Kolhal ..</i>	
75.		Kolhe Pratiksha B.	9527103728	<i>Pratiksha</i>	
76.		Koshti Gaurav Santosh	9579387358	<i>Koshti</i>	
77.		Kshirsagar Rushikesh Arun	8600354039	<i>Kshirsagar</i>	
78.					
79.		Aniket Nehe	9657363618	<i>Aniket</i>	
80.		Devare Prachi Sharad Harish Ksh	9834906820	<i>Devare</i>	
81.		Harish Khandal	9112348531	<i>Harish</i>	
82.		Aniket Kalekar	9860994269	<i>Aniket</i>	
83.					
84.					
85.					

List of Faculty members:

Sr. No.	Name of Faculty members:	Contact No.
1.	K. P. Morankar	9421329888
2.	S. K. Amrutkar	9403839395
3.		
4.		

Total Strength of Student:

Total no. of Boys:

Total no. of Girls:

Al. ...
Div (A) (B)
Faculty In charge
Subject Teacher

Al. ...
SK Amrutkar
Class Teacher
Class BE Div A/B

...
IV Coordinator
TPC

...
HOD
MED

AMRUTVAHINI COLLEGE OF ENGINEERING, SANGAMNER

INDUSTRY VISIT REPORT

Name of Student: Rohit Ghogare. Class: BE Branch: Mechanical.

Name of Industry Visited: co-generation power plant Date: 13/03/2023

1. Aims and objectives of the Visit?

- To understand the process
- To experience chemistry at work
- To become aware of the role of different people in an organization
- To become aware of career opportunities
- To recognize the need for health and safety in the workplace
- To focus on specific aspects of the studies

2. Brief about the Industry Profile?(Company Type, Product, Services, Plants & Locations, Management etc.)

1) company Type: Thermal power plant (co-generation)

2) plant location: Ghulewadi, Sangamner.

3) services: It produces electricity from steam power plant and supplies to sugar mill and Maharashtra government.

4) management: co-operative.

5) product: electricity generation.

3. Explore the Processes running in organization?(Manufacturing Processes, Layouts, etc)

In this co-generation power plant we studied various equipment like Boiler, Turbine, Boiler mounting and Accessories, and distribution and generation of electricity. This co-generation plant uses the Bagasse for steam generation.

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4. Machines & Equipments, Tools Used?

- i) Boiler :- water type boiler (2 boilers)
• Make :- MERU company (80 tonnes each)
• pressure :- 87 kg/cm²
• Temp :- 505°C

- ii) Turbine :- steam turbine
make :- Triveni company
capacity :- 10 MW & 20 MW.

5. What are the Finding during visit?

- i) we find how exactly the cogeneration plant work in real practice.
ii) Process of steam generation.
iii) Process of electricity generation.

6. Conclusion and recommendations for the Visit?

From this visit we gain our practical knowledge regarding the Co-generation power plant and actual working of plant. We got knowledge about the how electricity is generated from steam turbine and working and function of each boiler mounting and accessories.


(Name & Signature of Student)

AMRUTVAHINI COLLEGE OF ENGINEERING, SANGAMNER
INDUSTRY VISIT REPORT

Correspondence through Email / Letter No: AVCOE/mech/22-23 Date: 13/3/23

Response through Email / Letter No: Mech/mech/22-23 Date: 13/3/23

Name of Faculty: 1. Prof. R. P. Mahajan 2. Prof. S. K. Anandh Department: Mech

Visit for Class: P.E. Mech Branch: Mech. Date: 13/3/23

Name & Address of Industry Visited: SMBTSK Sangamner

Name of Industry Person: Mr. Hase S S.

Designation: G. Office

Contact No: -

1. Introduction about the Company? (Brief about Type of company, Production, Departments, Policies etc)

SMBTSK established in 1985 yr

Sugar Industry

Sugar particles - Raw, M1, M2, M3, Levy.

Sugar Baggase.

Export Sugar to middle east.

Co-gen department, Crushing department,
Sugar mill department.

2. Journey Begins.....? (From AVCOE to INDUSTRY VISIT to AVCOE)

13-03-23 - 09:00 am AVCOE to SMBTSK, Gade.

03:00 pm SMBTSK to AVCOE

As per vehicle's own / walk.

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3. How was the Approach towards Practical Knowledge?

Very informative and knowledgeable visit
from Academic & Industry point of view.

4. What are benefits to students from Industrial Visit?

1. Academic ☒

2. Projects ☒

3. Research ☒

4. Consultancy ☒

5. Training ☒

5. Students Opinion about the Industrial Visit?

1. Satisfied ☒

2. Not Satisfied ☐

6. Whether Company is ready to help for College?

1. Industrial Visit ☒

2. Expert Lecture

☒ 3. Training

☒

4. Employment

☒

5. Sponsorship Projects

☒

6. Workshop/Seminar

☒

7. How could the visit be improved?

Proper Batch wise of 20 students group
for better understanding.

8. Things to follow up for the next industrial visit?

- Time management properly

- Safety Awareness Instruction

1) Prof. K.P. Mironkar - fl.

2) Prof. S.S. Amrutkar

(Name & Signature of Faculty)

(Name & Signature of Industrial Visit Coordinator)





